

0590
1009

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OIPE

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/944,432

DATE: 10/26/2001

TIME: 09:31:47

Input Set : N:\Crf3\temp\09944432.raw.txt

Output Set: N:\CRF3\10262001\I944432.raw

ENTERED

1 <110> APPLICANT: Baker, Kevin
2 Botstein, David
3 Eaton, Dan
4 Ferrara, Napoleone
5 Filvaroff, Ellen
6 Gerritsen, Mary
7 Goddard, Audrey
8 Godowski, Paul
9 Grimaldi, Christopher
10 Gurney, Austin
11 Hillan, Kenneth
12 Kljavin, Ivar
13 Napier, Mary
14 Roy, Margaret
15 Tumas, Daniel
16 Wood, William
17 <120> TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
18 ACIDS ENCODING THE SAME
19 <130> FILE REFERENCE: P2548P1C1
20 <140> CURRENT APPLICATION NUMBER: US/09/944,432
21 <141> CURRENT FILING DATE: 2001-09-26
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26 <150> PRIOR APPLICATION NUMBER: 60/069,334
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46 <150> PRIOR APPLICATION NUMBER: 60/070,440
W--> 47 <151> PRIOR FILING DATE: January 5, 1998

RAW SEQUENCE LISTING

DATE: 10/26/2001

PATENT APPLICATION: US/09/944,432

TIME: 09:31:47

Input Set : N:\Crf3\temp\09944432.raw.txt

Output Set: N:\CRF3\10262001\I944432.raw

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68 <150> PRIOR APPLICATION NUMBER: 09/254,311
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72 <150> PRIOR APPLICATION NUMBER: PCT/US99/21090
W--> 73 <151> PRIOR FILING DATE: September 15, 1999
74 <150> PRIOR APPLICATION NUMBER: PCT/US99/28409
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78 <150> PRIOR APPLICATION NUMBER: PCT/US99/28301
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W--> 81 <151> PRIOR FILING DATE: December 16, 1999
82 <150> PRIOR APPLICATION NUMBER: PCT/US00/03565
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84 <150> PRIOR APPLICATION NUMBER: PCT/US00/04414
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92 <150> PRIOR APPLICATION NUMBER: PCT/US00/20710
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94 <150> PRIOR APPLICATION NUMBER: PCT/US00/32678
W--> 95 <151> PRIOR FILING DATE: December 1, 2000
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RAW SEQUENCE LISTING

DATE: 10/26/2001

PATENT APPLICATION: US/09/944,432

TIME: 09:31:47

Input Set : N:\Crf3\temp\09944432.raw.txt

Output Set : N:\CRF3\10262001\I944432.raw

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98 <160> NUMBER OF SEQ ID NOS: 120

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101 <211> LENGTH: 2454

102 <212> TYPE: DNA

103 <213> ORGANISM: Homo Sapien

104 <400> SEQUENCE: 1

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107      ctcatctttt cttctttcac agtgtctgag aacatttaca ttatagataa 150
108      gtagtacatg gtggataact tctactttta ggaggactac tctcttctga 200
109      cagtccatga ctggtcttct acactaagac accatgaagg agtatgtgct 250
110      cctattattc ctggtcttct gctctgcca acccttcttt agcccttcac 300
111      acatcgcact gaagaatatg atgctgaagg atatggaaga cacagatgat 350
112      gatgatgatg atgatgatga tgatgatgat gatgaggaca actctctttt 400
113      tccaacaaga gagccaagaa gccatttttt tccatttgat ctgtttccaa 450
114      tgtgtccatt tggatgtcag tgctattcac gagttgtaca ttgtcagat 500
115      ttaggtttga cctcagtcct aaccaacatt ccatttgata ctogaatgct 550
116      tgatcttcaa aacaataaaa ttaaggaaat caaagaaaat gattttaaag 600
117      gactcacttc actttatggt ctgatcctga acaacaacaa gctaacgaag 650
118      attcacccaa aagcctttct aaccacaaag aagttgcgaa ggctgtatct 700
119      gtcccacaat caactaagtg aaataccact taatcttccc aaatcattag 750
120      cagaactcag aattcatgaa aataaagtta agaaaataca aaaggacaca 800
121      ttcaaaggaa tgaatgcttt acacgttttg gaaatgagtg caaacctct 850
122      tgataataat gggatagagc caggggcatt tgaaggggtg acggtgttcc 900
123      atatcagaat tgcagaagca aaactgacct cagttcctaa aggcttacca 950
124      ccaactttat tggagcttca cttagattat aataaaattt caacagtgga 1000
125      acttgaggat tttaaagcat acaaagaact acaaaggctg ggcctaggaa 1050
126      acaacaaaat cacagatata gaaaatggga gtcttgctaa cataccact 1100
127      gtgagagaaa tacatttgga aaacaataaa ctaaaaaaa tcccttcagg 1150
128      attaccagag ttgaaatacc tccagataat cttccttcat tctaattcaa 1200
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131      ggaaatgcaa cctgcaacat ttcgttgtgt tttgagcaga atgagtgttc 1350
132      agcttgggaa ctttgggaat taataattag taattggtaa tgtccattta 1400
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135      actgacttat tttatgacaa gaaatttcaa cgggaatttg ccaaactatt 1550
136      gatacataag gggttgagag aaacaagcat ctattgcagt ttcccttttg 1600
137      cgtacaaatg atcttacata aatctcatgc ttgaccattc ctttcttcat 1650
138      aacaaaaaag taagatattc ggtatttaac actttgttat caagcacatt 1700
139      ttaaaaagaa ctgtactgta aatggaatgc ttgacttagc aaaatttggt 1750
140      ctctttcatt tgctgttaga aaaacagaat taacaaagac agtaatgtga 1800
141      agagtgcatt acactattct tattctttag taacttgggt agtactgtaa 1850
142      tatttttaat catcttaaag tatgatttga tataatctta ttgaaattac 1900
143      cttatcatgt cttagagccc gtctttatgt ttaaaactaa tttcttaaaa 1950
144      taaagccttc agtaaatggt cattaccaac ttgataaatg ctactcataa 2000
145      gagctggttt ggggctatag catatgcttt ttttttttta attattacct 2050
146      gatttaaaaa tctctgtaaa aacgtgtagt gtttcataaa atctgtaact 2100

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DATE: 10/26/2001

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Input Set : N:\Crf3\temp\09944432.raw.txt

Output Set: N:\CRF3\10262001\I944432.raw

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147      cgcattttaa tgatccgcta ttataagctt ttaatagcat gaaaattggt 2150
148      aggctatata acattgccac ttcaactcta aggaatattt ttgagatata 2200
149      cctttggaag accttgcttg gaagagcctg gacactaaca attctacacc 2250
150      aaattgtctc ttcaaatacg tatggactgg ataactctga gaaacacatc 2300
151      tagtataact gaataagcag agcatcaaat taaacagaca gaaaccgaaa 2350
152      gctctatata aatgctcaga gttctttatg tatttcttat tggcattcaa 2400
153      catatgtaaa atcagaaaac agggaaattt tcattaaaaa tattgggttg 2450
154      aaat 2454
156 <210> SEQ ID NO: 2
157 <211> LENGTH: 379
158 <212> TYPE: PRT
159 <213> ORGANISM: Homo Sapien
160 <400> SEQUENCE: 2
161      Met Lys Glu Tyr Val Leu Leu Leu Phe Leu Ala Leu Cys Ser Ala
162      1          5          10          15
163      Lys Pro Phe Phe Ser Pro Ser His Ile Ala Leu Lys Asn Met Met
164      20          25          30
165      Leu Lys Asp Met Glu Asp Thr Asp Asp Asp Asp Asp Asp Asp
166      35          40          45
167      Asp Asp Asp Asp Asp Glu Asp Asn Ser Leu Phe Pro Thr Arg Glu
168      50          55          60
169      Pro Arg Ser His Phe Phe Pro Phe Asp Leu Phe Pro Met Cys Pro
170      65          70          75
171      Phe Gly Cys Gln Cys Tyr Ser Arg Val Val His Cys Ser Asp Leu
172      80          85          90
173      Gly Leu Thr Ser Val Pro Thr Asn Ile Pro Phe Asp Thr Arg Met
174      95          100         105
175      Leu Asp Leu Gln Asn Asn Lys Ile Lys Glu Ile Lys Glu Asn Asp
176      110         115         120
177      Phe Lys Gly Leu Thr Ser Leu Tyr Gly Leu Ile Leu Asn Asn Asn
178      125         130         135
179      Lys Leu Thr Lys Ile His Pro Lys Ala Phe Leu Thr Thr Lys Lys
180      140         145         150
181      Leu Arg Arg Leu Tyr Leu Ser His Asn Gln Leu Ser Glu Ile Pro
182      155         160         165
183      Leu Asn Leu Pro Lys Ser Leu Ala Glu Leu Arg Ile His Glu Asn
184      170         175         180
185      Lys Val Lys Lys Ile Gln Lys Asp Thr Phe Lys Gly Met Asn Ala
186      185         190         195
187      Leu His Val Leu Glu Met Ser Ala Asn Pro Leu Asp Asn Asn Gly
188      200         205         210
189      Ile Glu Pro Gly Ala Phe Glu Gly Val Thr Val Phe His Ile Arg
190      215         220         225
191      Ile Ala Glu Ala Lys Leu Thr Ser Val Pro Lys Gly Leu Pro Pro
192      230         235         240
193      Thr Leu Leu Glu Leu His Leu Asp Tyr Asn Lys Ile Ser Thr Val
194      245         250         255
195      Glu Leu Glu Asp Phe Lys Arg Tyr Lys Glu Leu Gln Arg Leu Gly
196      260         265         270

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Input Set : N:\Crf3\temp\09944432.raw.txt

Output Set: N:\CRF3\10262001\I944432.raw

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197      Leu Gly Asn Asn Lys Ile Thr Asp Ile Glu Asn Gly Ser Leu Ala
198                      275                      280                      285
199      Asn Ile Pro Arg Val Arg Glu Ile His Leu Glu Asn Asn Lys Leu
200                      290                      295                      300
201      Lys Lys Ile Pro Ser Gly Leu Pro Glu Leu Lys Tyr Leu Gln Ile
202                      305                      310                      315
203      Ile Phe Leu His Ser Asn Ser Ile Ala Arg Val Gly Val Asn Asp
204                      320                      325                      330
205      Phe Cys Pro Thr Val Pro Lys Met Lys Lys Ser Leu Tyr Ser Ala
206                      335                      340                      345
207      Ile Ser Leu Phe Asn Asn Pro Val Lys Tyr Trp Glu Met Gln Pro
208                      350                      355                      360
209      Ala Thr Phe Arg Cys Val Leu Ser Arg Met Ser Val Gln Leu Gly
210                      365                      370                      375
211      Asn Phe Gly Met
213 <210> SEQ ID NO: 3
214 <211> LENGTH: 20
215 <212> TYPE: DNA
216 <213> ORGANISM: Artificial Sequence
217 <220> FEATURE:
218 <223> OTHER INFORMATION: Synthetic Oligonucleotide Probe
219 <400> SEQUENCE: 3
220      ggaaatgagt gcaaaccctc 20
222 <210> SEQ ID NO: 4
223 <211> LENGTH: 24
224 <212> TYPE: DNA
225 <213> ORGANISM: Artificial Sequence
226 <220> FEATURE:
227 <223> OTHER INFORMATION: Synthetic Oligonucleotide Probe
228 <400> SEQUENCE: 4
229      toccaagctg aacactcatt ctgc 24
231 <210> SEQ ID NO: 5
232 <211> LENGTH: 50
233 <212> TYPE: DNA
234 <213> ORGANISM: Artificial Sequence
235 <220> FEATURE:
236 <223> OTHER INFORMATION: Synthetic Oligonucleotide Probe
237 <400> SEQUENCE: 5
238      gggtagcggg gttccatata agaattgcag aagcaaaact gacctcagtt 50
240 <210> SEQ ID NO: 6
241 <211> LENGTH: 3441
242 <212> TYPE: DNA
243 <213> ORGANISM: Homo Sapien
244 <400> SEQUENCE: 6
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246      ctccgccctc cgcactgcgc cctccctccc tccgcccgtc cccgcgccct 100
247      cctccctccc tcctccccag ctgtcccggt cgcgtcatgc cgagcctccc 150
248      ggccccgcgc gccccgcgtc tgcctcctcg gctgctgctg ctccgctccc 200
249      ggccggcccc cggcgcgcgc ccagagcccc ccgtgctgcc catccgtttc 250

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VERIFICATION SUMMARY

PATENT APPLICATION: US/09/944,432

DATE: 10/26/2001

TIME: 09:31:48

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Output Set: N:\CRF3\10262001\I944432.raw

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STATISTICS SUMMARY

PATENT APPLICATION: US/09/944,432

DATE: 10/26/2001

TIME: 09:31:48

Input Set : N:\Crf3\temp\09944432.raw.txt

Output Set: N:\CRF3\10262001\I944432.raw

Application Serial Number: US/09/944,432

Alpha or Numeric: Numeric

Application Class:

Application File Date: 09-26-2001

Art Unit: OIPE

Software Application:

Total Number of Sequences: 120

Total Nucleotides: 35991

Total Amino Acids: 7298

Number of Errors: 0

Number of Warnings: 37

Number of Corrections: 0

MESSAGE SUMMARY

256 W: 37 (Invalid Numeric Header Field)